

Appl. No.: 09/782,782  
Art Unit: 3711 Docket No.: B01-07  
Reply to Office Action of July 28, 2004

### LISTING OF CLAIMS

1. (Currently amended) A golf ball comprising a core and a cover disposed about the core, wherein the core comprises a center and at least one outer core layer adjacent the center, and the cover comprises at least one inner cover layer and an outer cover layer;
  - (a) wherein the center has an outer diameter from ~~about~~ 0.375 in to ~~about~~ 1.4 in and deflection of greater than ~~about~~ 4.5 mm under a load of 100 Kg;
  - (b) the outer core layer has an outer diameter of from ~~about~~ 1.4 in to ~~about~~ 1.62 in;
  - (c) the inner cover layer has an outer diameter of greater than ~~about~~ 1.58 in and a material hardness of less than ~~about~~ 72 Shore D; and
  - (d) the outer cover layer has a hardness of greater than 56 Shore D;  
and wherein the center has a first hardness, the outer core layer has a second hardness greater than the first, and the inner cover layer has a third hardness greater than the second.
2. (Currently amended) The golf ball of claim 1, wherein the outer cover layer has a material hardness less than about 55 shore D.
3. (Currently amended) The golf ball of claim 2, wherein the outer cover layer has a material hardness less than ~~about~~ 50 shore D.
4. (Currently amended) The golf ball of claim 1, wherein the inner cover layer material hardness is between ~~about~~ 60 and ~~about~~ 70 Shore D.
5. (Currently amended) The golf ball of claim 4, wherein the inner cover layer material hardness is between ~~about~~ 60 and ~~about~~ 65 Shore D.
6. (Currently amended) The golf ball of claim 1, wherein the inner cover layer outer diameter is from ~~about~~ 1.59 in to ~~about~~ 1.66 in.
7. (Currently amended) The golf ball of claim 6, wherein the inner cover layer outer diameter is from ~~about~~ 1.6 in to ~~about~~ 1.64 in.

Appl. No.: 09/782,782  
Art Unit: 3711 Docket No.: B01-07  
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8. (Currently amended) The golf ball of claim 1, wherein the center outer diameter is from ~~about~~ 0.5 in to ~~about~~ 1.25 in.
9. (Currently amended) The golf ball of claim 8, wherein the center outer diameter from ~~about~~ 0.9 in to ~~about~~ 1.2 in.
10. (Currently amended) The golf ball of claim 1, wherein the outer core layer outer diameter is from ~~about~~ 1.52 in to ~~about~~ 1.59 in.
11. (Currently amended) The golf ball of claim 10, wherein the outer core layer outer diameter is from ~~about~~ 1.535 in to ~~about~~ 1.58 in.
12. (Currently amended) The golf ball of claim 1, wherein the ball has a moment of inertia of less than ~~about~~ 83 g-cm<sup>2</sup>.
13. (Cancelled)
14. (Currently amended) The golf ball of claim ~~[[13]]~~ 1, wherein the outer cover layer has a fourth hardness less than the third hardness.
15. (Currently amended) The golf ball of claim 1, wherein the center has a first specific gravity and the outer core layer has a second specific gravity that differ by less than ~~about~~ 0.1.
16. (Original) The golf ball of claim 1, wherein the center is solid.
17. (Cancelled)
18. (Currently amended) A golf ball comprising a core and a cover disposed about the core, wherein the core comprises a solid center and an outer core layer adjacent the center, and the cover comprises an inner cover layer and an outer cover layer;

Appl. No.: 09/782,782  
Art Unit: 3711 Docket No.: B01-07  
Reply to Office Action of July 28, 2004

- (a) wherein the center has an outer diameter from ~~about~~ 0.375 in to ~~about~~ 1.4 in and deflection of greater than ~~about~~ 4.5 mm under a load of 100 Kg;
  - (b) the outer core layer has an outer diameter of from ~~about~~ 1.4 in to ~~about~~ 1.62 in;
  - (c) the inner cover layer has an outer diameter of greater than ~~about~~ 1.58 in and a material hardness of less than ~~about~~ 72 Shore D; and
  - (d) the outer cover layer has a hardness of greater than 56 Shore D;  
and wherein the center has a first hardness, the outer core layer has a second hardness greater than the first, and the inner cover layer has a third hardness greater than the second.
19. (Currently amended) The golf ball of claim 18, wherein the outer cover layer has a material hardness of less than ~~about~~ 50 and a thickness of less than ~~about~~ 0.035 in.
20. (Cancelled)
21. (Currently amended) The golf ball of claim ~~[[20]]~~ 18, wherein the outer cover layer has a fourth hardness less than the third hardness.
22. (Currently amended) The golf ball of claim 18, wherein the inner cover layer outer diameter is from ~~about~~ 1.59 in to ~~about~~ 1.66 in.
23. (Currently amended) The golf ball of claim 22, wherein the inner cover layer outer diameter is from ~~about~~ 1.6 in to ~~about~~ 1.64 in.
24. (Currently amended) The golf ball of claim 18, wherein the center outer diameter is from ~~about~~ 0.5 in to ~~about~~ 1.25 in.
25. (Currently amended) The golf ball of claim 24, wherein the center outer diameter from ~~about~~ 0.9 in to ~~about~~ 1.2 in.

Appl. No.: 09/782,782  
Art Unit: 3711 Docket No.: B01-07  
Reply to Office Action of July 28, 2004

26. (Currently amended) The golf ball of claim 18, wherein the outer core layer outer diameter is from ~~about~~ 1.52 in to ~~about~~ 1.59 in.
27. (Currently amended) The golf ball of claim 18, wherein the ball has a moment of inertia of less than ~~about~~ 83 g-cm<sup>2</sup>.
28. (Currently amended) The golf ball of claim 18, wherein the center has a first specific gravity and the outer core layer has a second specific gravity that differ by less than ~~about~~ 0.1.
29. (New) A golf ball comprising a core and a cover disposed about the core, wherein the core comprises a center and at least one outer core layer adjacent the center, and the cover comprises at least one inner cover layer and an outer cover layer;  
wherein the center has an outer diameter from 0.375 in to 1.4 in and deflection of greater than 4.5 mm under a load of 100 Kg;  
the outer core layer has an outer diameter of from 1.4 in to 1.62 in;  
the inner cover layer has an outer diameter of greater than 1.58 in and a material hardness of less than 72 Shore D; and  
the outer cover layer has a hardness of greater than 56 Shore D;  
and wherein the center has a first specific gravity and the outer core layer has a second specific gravity that differ by less than 0.1.